AMENDMENTS TO THE SPECIFICATION:

Page 6, please amend paragraph [0015] as follows:

--[0015] In order to solve the above-mentioned problems and attain the object, according to ~~claim 1~~ the invention, a transmitter apparatus for performing transmission using transmission signals generated on the basis of data symbols of a specified transmission method is characterized by comprising an interleaver for generating interleave-processed data being obtained by performing specified rearrangement processes on frequency domain data to which said data symbols are converted and an IFFT processing part for converting said interleave-processed data to time domain signals.--

Page 6, please amend paragraph [0016] as follows:

--[0016] According to the invention ~~of claim 1~~, since interleave-processed data obtained by performing specified rearrangement processes on frequency domain data which data symbols are converted into are generated in the interleaver, a signal transmission capable of providing a diversity effect without generating inter-user interference is possible.--

Page 7, please amend paragraph [0017] as follows:

--[0017] And a transmitter apparatus ~~according to claim 2~~ is characterized by further comprising, in the above-mentioned invention, an FFT processing part for converting said data symbols to said frequency domain data.--

Page 7, please amend paragraph [0018] as follows:

--[0018] And a transmitter apparatus ~~according to claim 3~~ is characterized in that, in the above-mentioned invention, said interleaver generates and outputs N pieces of data from Q (N > Q) data symbols inputted.--

Page 7, please amend paragraph [0019] as follows:

--[0019] And a transmitter apparatus ~~according to claim 4~~ is characterized in that, in the above-mentioned invention, said FFT processing part performs Q-point FFT processes on Q pieces of data symbols inputted.--

Page 7, please amend paragraph [0020] as follows:

--[0020] And a transmitter apparatus ~~according to claim 5~~ is characterized in that, in the above-mentioned invention, said IFFT processing part performs N-point IFFT processes on N pieces of data outputted from said interleaver.--

Page 7, please amend paragraph [0021] as follows:

--[0021] And a transmitter apparatus ~~according to claim 6~~ is characterized in that, in the above-mentioned invention, said interleaver is provided with an interleaver memory for storing output data of said FFT processing part, data of Q points outputted from said FFT processing part are written into specified positions in said interleaver memory, and specified N pieces of data including Q pieces of data written into said specified positions and data written into other positions than the positions into which said Q pieces of data are written are read from said interleaver.--

Page 8, please amend paragraph [0022] as follows:

--[0022] And a transmitter apparatus ~~according to claim 7~~ is characterized in that, in the above-mentioned invention, specified N pieces of data read from said interleaver memory are outputted to said IFFT processing part.--

Page 8, please amend paragraph [0023] as follows:

--[0023] And a transmitter apparatus ~~according to claim 8~~ is characterized in that, in the above-mentioned invention, data symbols of said specified transmission method are spread signals (including the case of spreading rate of 1).--

Page 8, please amend paragraph [0024] as follows:

--[0024] And a transmitter apparatus ~~according to claim 9~~ is characterized in that, in the above-mentioned invention, data symbols of said specified transmission method are multi-carrier signals.--

Page 8, please amend paragraph [0025] as follows:

--[0025] And a transmitter apparatus ~~according to claim 10~~ is characterized in that, in the above-mentioned invention, data symbols of said specified transmission method are OFDM signals.--

Page 8, please amend paragraph [0026] as follows:

--[0026] And a transmitter apparatus ~~according to claim 11~~ is characterized in that, in the above-mentioned invention, data symbols of said specified transmission method are data symbols of variable data rate.--

Page 8, please amend paragraph [0027] as follows:

--[0027] And a communication system ~~according to claim 12~~ is a communication system comprising a transmitter apparatus for performing transmission using transmission signals

generated on the basis of data symbols of a specified transmission method and a receiver apparatus for restoring said data symbols on the basis of the received reception signals obtained by receiving said transmission signals, said system being characterized in that said transmitter apparatus comprises an interleaver for generating interleave-processed data being obtained by performing specified rearrangement processes on frequency domain data to which said data symbols are converted and an IFFT processing part for converting said interleave-processed data to time domain signals, and said receiver apparatus comprises an FFT processing part for converting time domain signals to frequency domain data and a de-interleaver for generating de-interleave-processed data being obtained by performing specified rearrangement processes on said converted frequency domain data.--

Page 9, please amend paragraph [0028] as follows:

--[0028] And a communication system ~~according to claim 13~~ is characterized, in the above-mentioned invention, by further comprising an FFT processing part for converting said data symbols to said frequency domain data, wherein said receiver apparatus further comprises an IFFT processing part for converting said de-interleave-processed data to time domain signals.--

Page 9, please amend paragraph [0029] as follows:

--[0029] And a communication system ~~according to claim 14~~ is characterized in that, in the above-mentioned invention, said de-interleaver generates and outputs Q pieces of data from N (N > Q) pieces of data inputted.--

Page 9, please amend paragraph [0030] as follows:

--[0030] And a communication system ~~according to claim 15~~ is characterized in that, in the above-mentioned invention, the FFT processing part of said receiver apparatus performs N-point FFT processes on N pieces of reception data which have been received and converted from serial to parallel.--

Page 10, please amend paragraph [0031] as follows:

--[0031] And a communication system ~~according to claim 16~~ is characterized in that, in the above-mentioned invention, said IFFT processing part of said receiver apparatus performs Q-point IFFT processes on Q pieces of rearrangement-processed data outputted from said de-interleaver.--

Page 10, please amend paragraph [0032] as follows:

--[0032] And a communication system ~~according to claim 17~~ is characterized in that, in the above-mentioned invention, said de-interleaver is provided with a de-interleaver memory for storing output data of the FFT processing part of said receiver apparatus, data of N points outputted from the FFT processing part of said receiver apparatus are written into specified positions in said de-interleaver memory, and Q pieces of data written into specified positions as data to be processed out of N pieces of data written into said specified positions are read from said de-interleaver.--

Page 10, please amend paragraph [0033] as follows:

--[0033] And a communication system ~~according to claim 18~~ is characterized in that, in the above-mentioned invention, specified Q pieces of data read from said de-

interleaver memory are outputted to the IFFT processing part of said receiver apparatus.--

Page 10, please amend paragraph [0034] as follows:

--[0034] And a communication system ~~according to claim 19~~ is characterized in that, in the above-mentioned invention, data symbols of said specified transmission method are spread signals (including the case of spreading rate of 1).--

Page 11, please amend paragraph [0035] as follows:

--[0035] And a communication system ~~according to claim 20~~ is characterized in that, in the above-mentioned invention, data symbols of said specified transmission method are multi-carrier signals.--

Page 11, please amend paragraph [0036] as follows:

--[0036] And a communication system ~~according to claim 21~~ is characterized in that, in the above-mentioned invention, data symbols of said specified transmission method are OFDM signals.--

Page 11, please amend paragraph [0037] as follows:

[0037] And a communication method ~~according to claim 22~~ is a transmission method for performing transmission using transmission signals generated on the basis of data symbols of a specified transmission method, said communication method being characterized by comprising an FFT processing step for converting said data symbols to frequency domain signals, an interleave-processing step of performing rearrangement processes on said converted frequency domain signals and an IFFT processing step of converting said frequency domain signals to time domain signals.-

Page 11, please amend paragraph [0038] as follows:

--[0038] And a communication method ~~according to claim 23~~ is characterized in that, in the above-mentioned invention, said interleave-processing step generates and outputs N pieces of data from Q (N > Q) data symbols inputted.--

Page 11, please amend paragraph [0039] as follows:

[0039] And a communication method ~~according to claim 24~~ is, in the above-mentioned invention, a communication method comprising a transmission step of performing transmission using transmission signals generated on the basis of data symbols of a specified transmission method and a reception step of receiving transmission signals transmitted by said transmission step and restoring said data symbols, said communication system being characterized in that said transmission step comprises an FFT-processing step of converting said data symbols to frequency domain signals, an interleave-processing step of performing interleave processes on said converted frequency domain signals and an IFFT processing step of converting said frequency domain signals to time domain signals, and said reception step comprises an FFT processing step of converting said time domain signals to frequency domain signals, a de-interleave-processing step of performing rearrangement processes on said converted frequency domain signals and an IFFT processing step of converting said frequency domain signals to time domain signals.--

Page 12, please amend paragraph [0040] as follows:

--[0040] And a communication method ~~according to claim 25~~ is characterized in that, in the above-mentioned invention, said interleave-processing step generates and outputs

Q pieces of data from Q (N > Q) data symbols inputted and said de-interleave-processing step generates and outputs Q pieces of data from N (Q < N) pieces of data inputted.--